

FIGURE 1

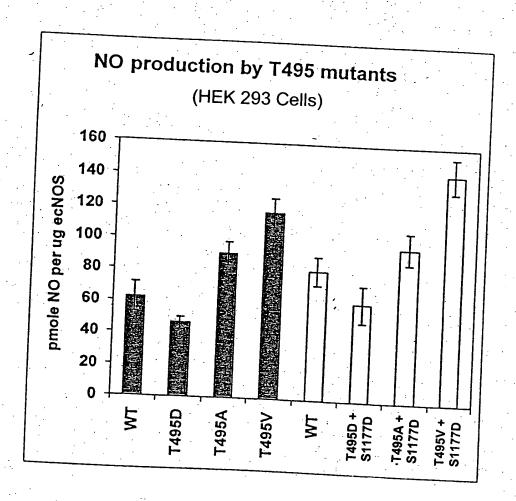
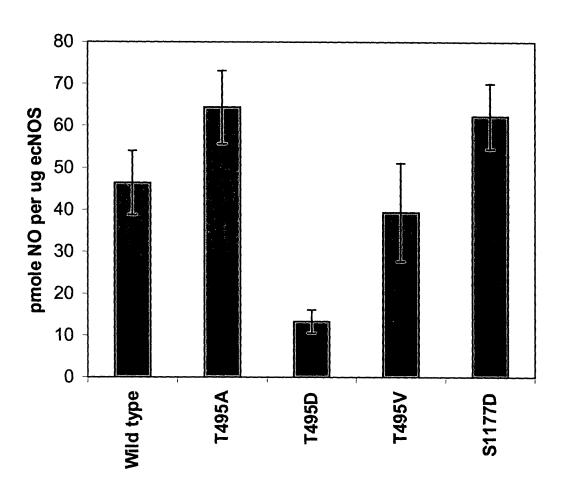


FIGURE 2

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FIGURE 3



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FIGURE 5: WT/ecNOS-KO gross pathological changes

Day 0

Day 4

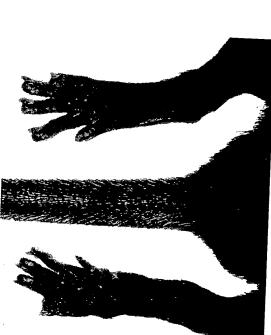


ecNOS-KO

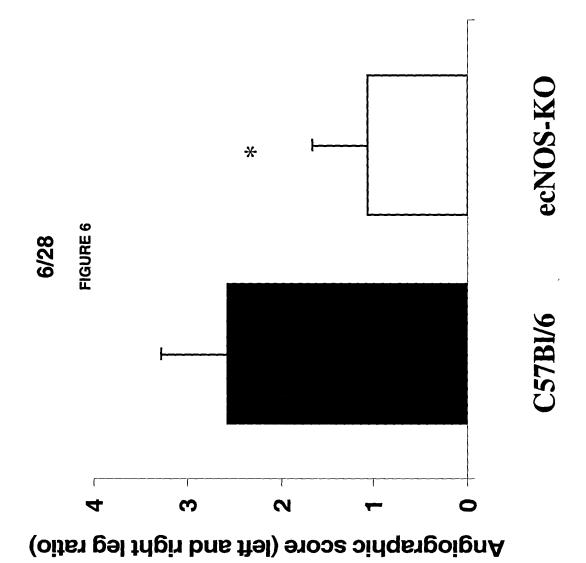


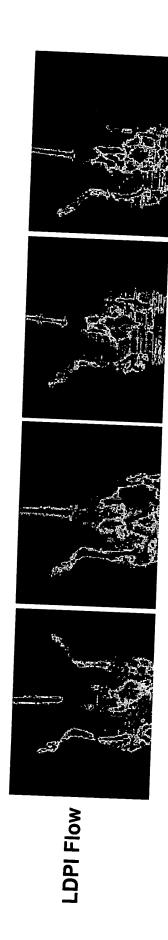


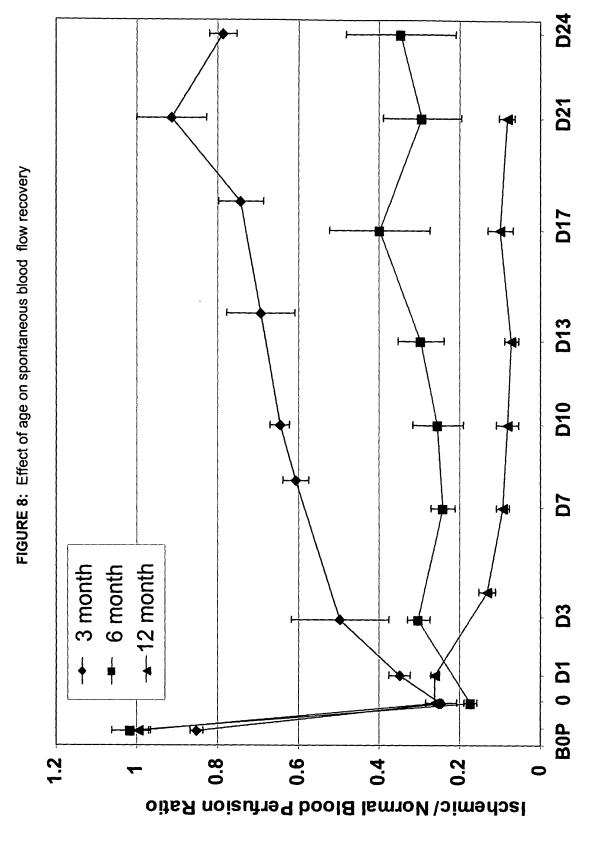


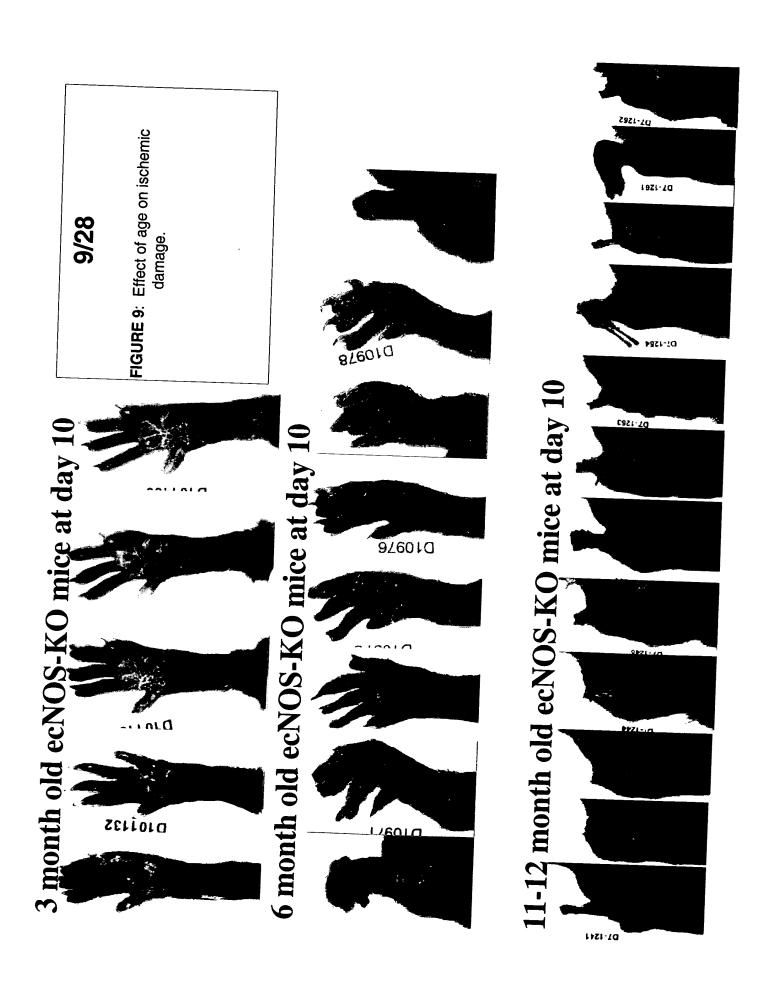


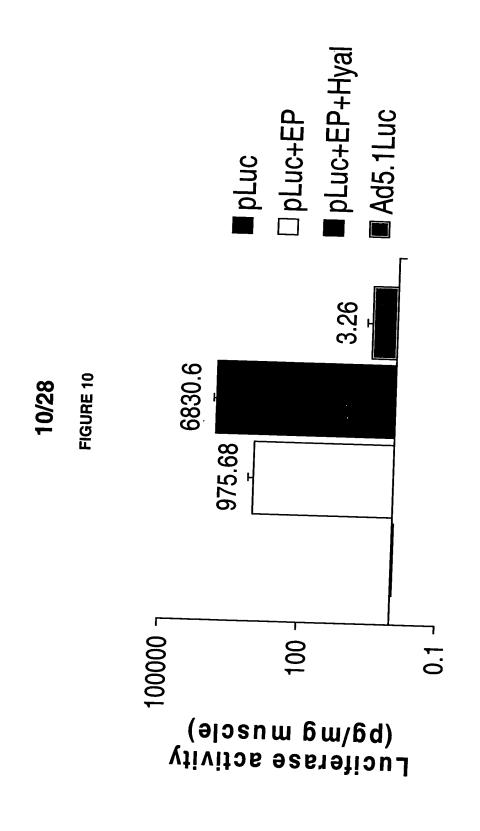
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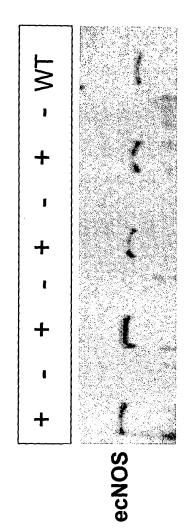


3d bs FIGURE 11 PT 200 150 50 (% of unoperated leg) Gene expression in PAOD+

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FIGURE 12: ecNOS expression in ecNOS-KO mice following gene therapy







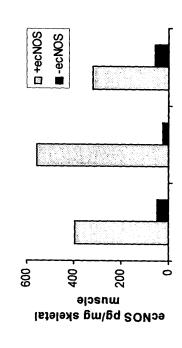


FIGURE 13: Limb salvage after pNOS224 delivery in 6 month old ecNOS mice. pNOS224 pNull

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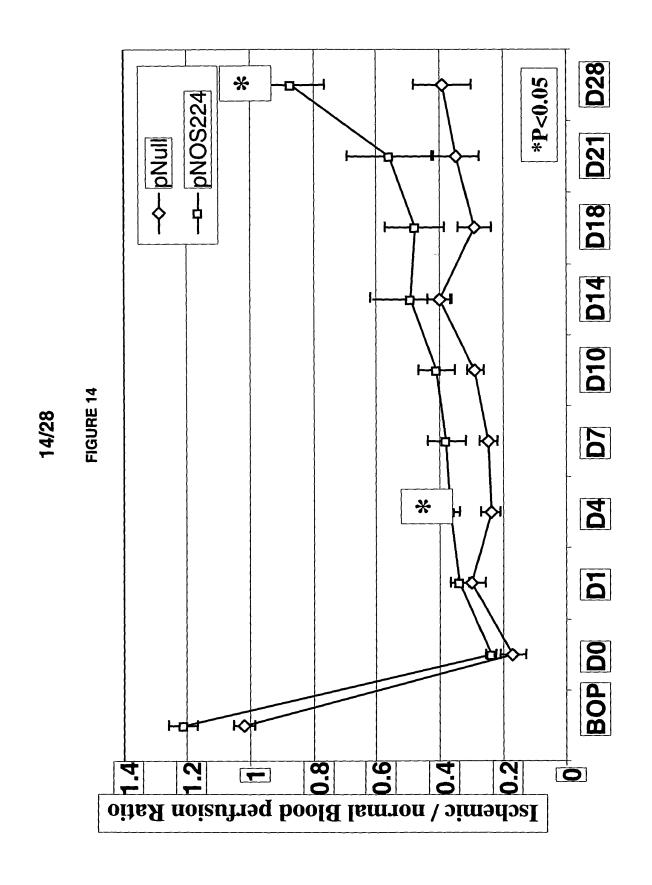
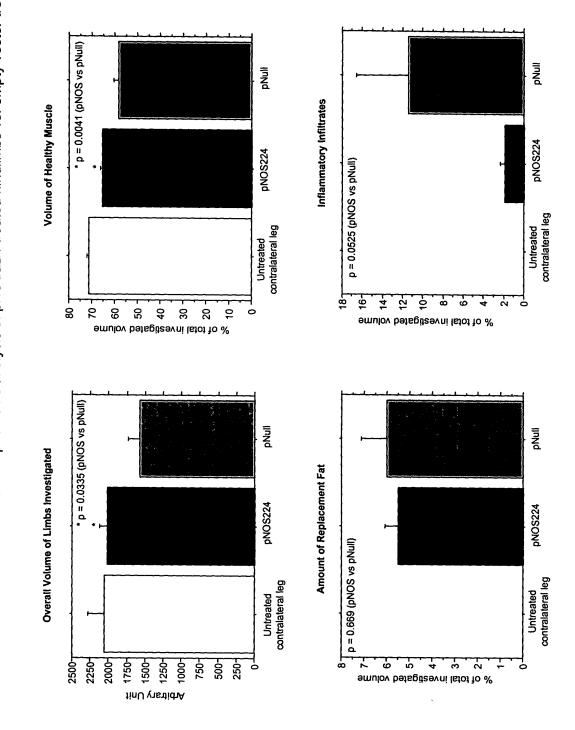
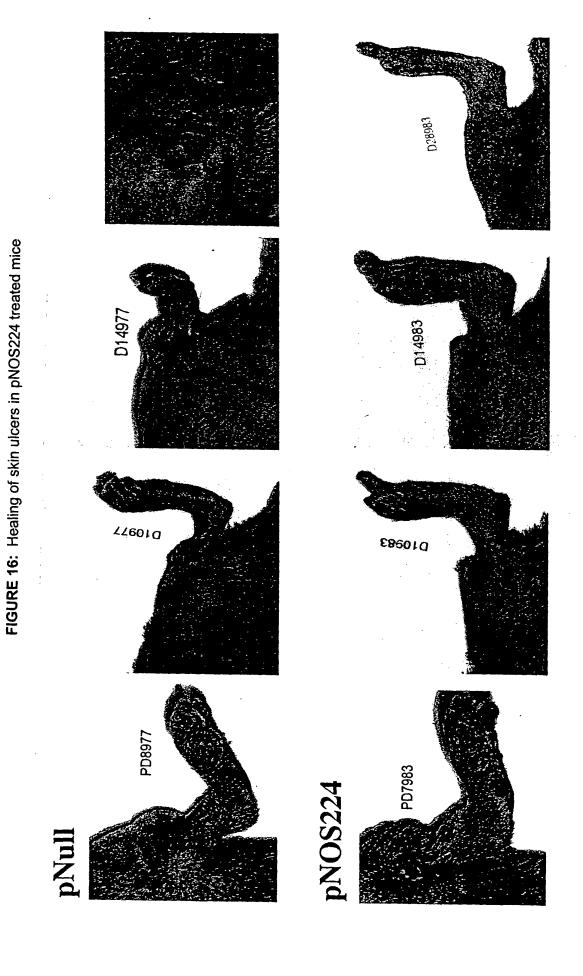


FIGURE 15: Histomorphometric analysis of pNOS224 treated hindlimbs vs. empty vector treatment



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D10-1205 #1205 FIGURE 18: ecNOS protein expression and therapeutic effect of gene delivery D10-1201 #1201 18/28 900 400 200 0 pg ecNOS/mg muscle (mean of 3 injected muscle) LIMB NECROSIS BLOOD FLOW (LDPI) ecNOS PROTEIN **EXPRESSION**

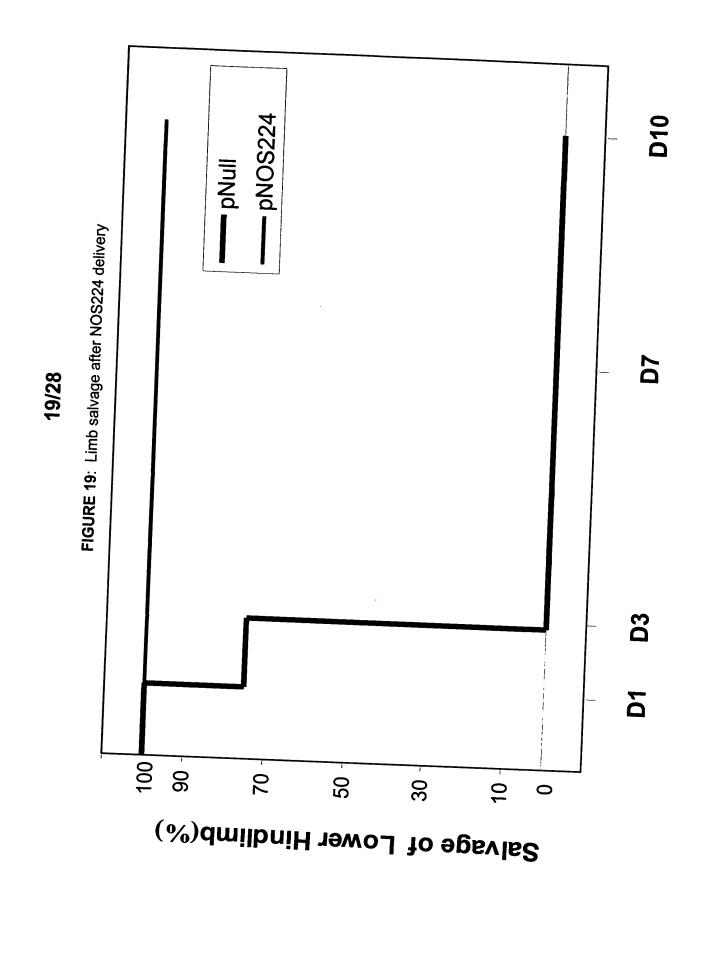


FIGURE 20: Effect of NOS224 treatment on LDPI measured flow

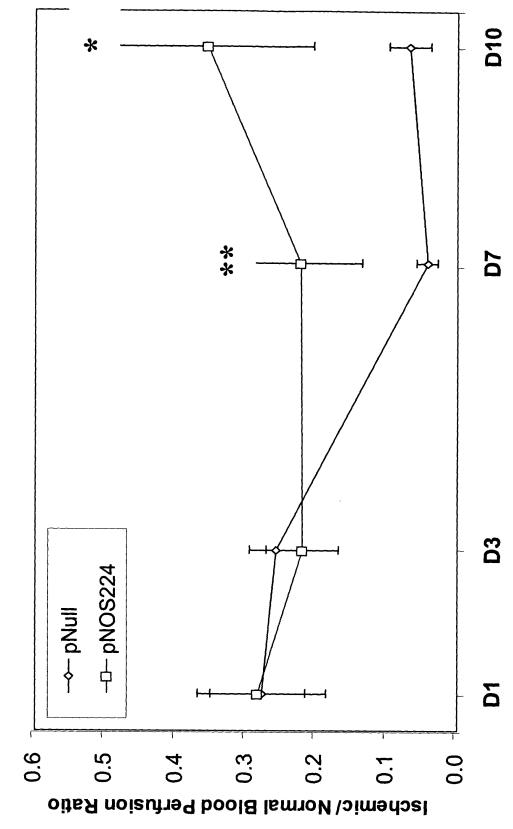


FIGURE 21: ecNOS protein expression in the adductor muscle pf ecNOS-KO mice

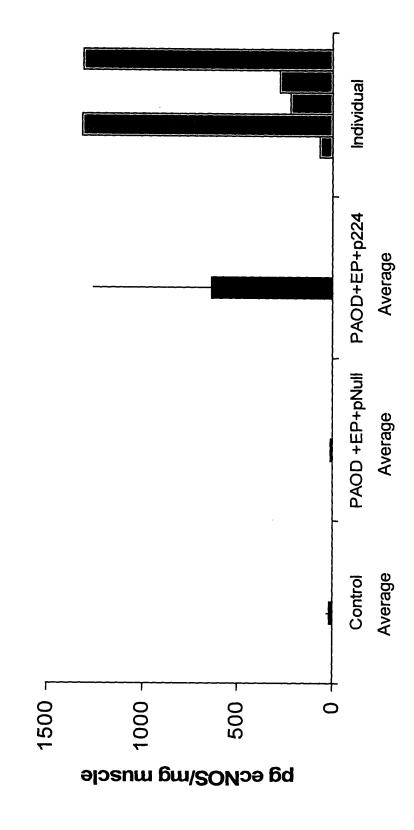
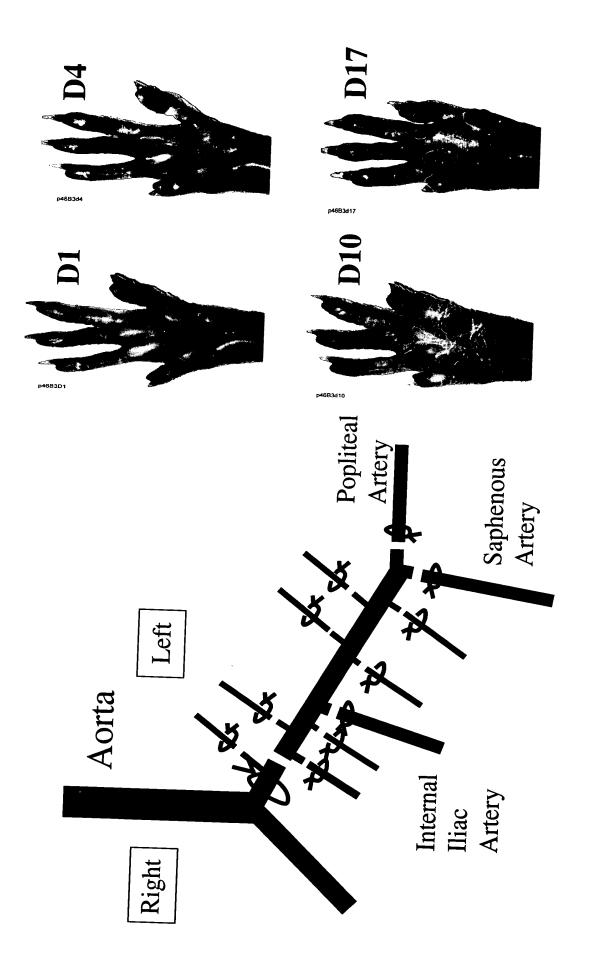
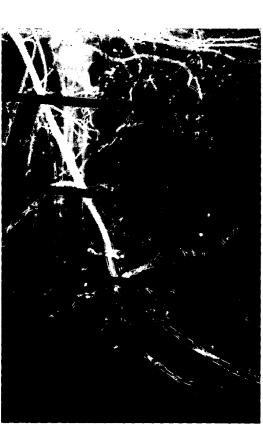


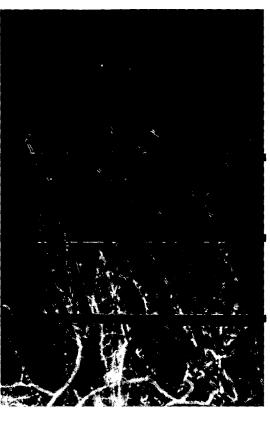
FIGURE 22: CLI Rat Model



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FIGURE 24: Angiographic Score

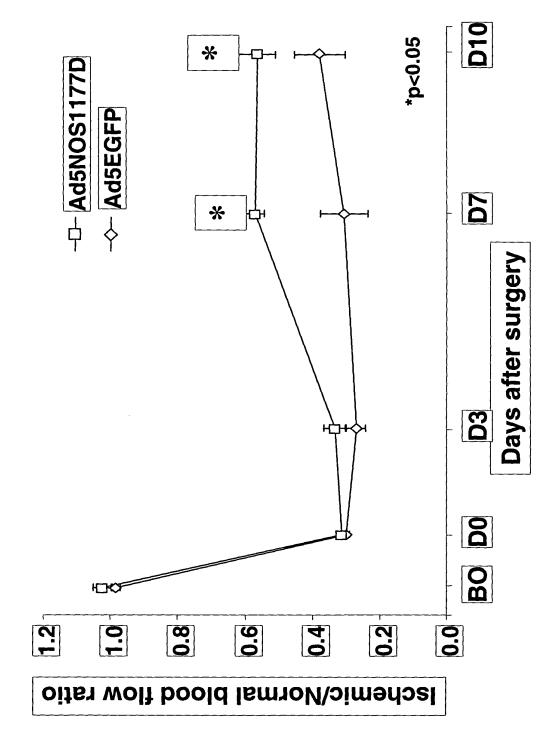




both normal and ischemic limb, and total number of arteries crossing these lines middle, and external 1/4 of the femur were drawn at the medial thigh area of were calculated by two separate investigators blinded to the treatment. To quantitate arteriogenesis, three straight lines started from internal 1/4,

To minimize variations, angiographic score was expressed as the ratio of total artery number of left to right hindlimb.

FIGURE 7: Blood flow recovery after Ad5NOS delivery



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FIGURE 26: NECROTIC SCORE

STAGE	3		GROSS PATHOLOGY	SCORE
Stage I		71	Normal situation or nail necrosis	0
Stage II	l '		Toe(s) necrosis or discoloration	-
Stage III			Toe(s) loss or paw necrosis	8
Stage IV			Loss of all toes or partial paw	ო
Stage V			Loss of more than half paw	4

